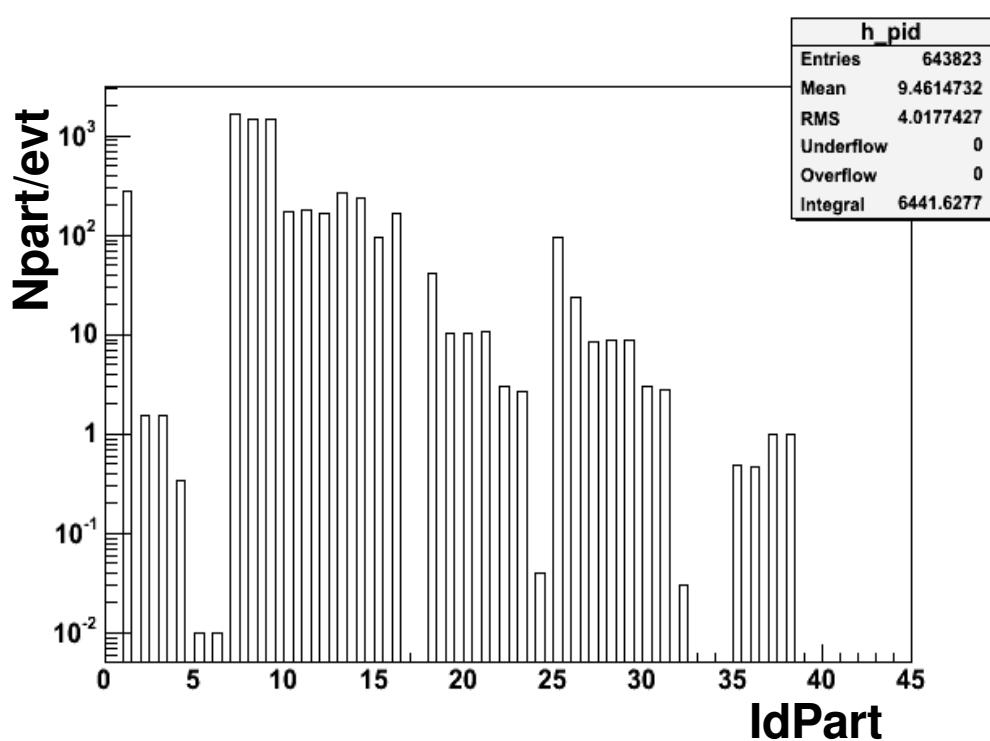


Simulation Details

- Input files were generated using Hijing with $b = 4.65 - 4.80$ fm, multiplicity $\langle dN_{ch} / dY \rangle = 650$.
- To start with, a 1000 events were passed through PISA for the following cases:
 - a) No Field($B=0$); (with and without HBD)
 - b) With magnetic field; (with and without HBD)
- The PISA specifications are as below
 - 1) The detectors that are switched on are:
DC & PC1, PC2/PC3, BBC, ZDC, RICH, EMCAL, RP
 - 2) switched off multiple scattering and Compton scattering.
 - 3) events have vertex 0,0,0

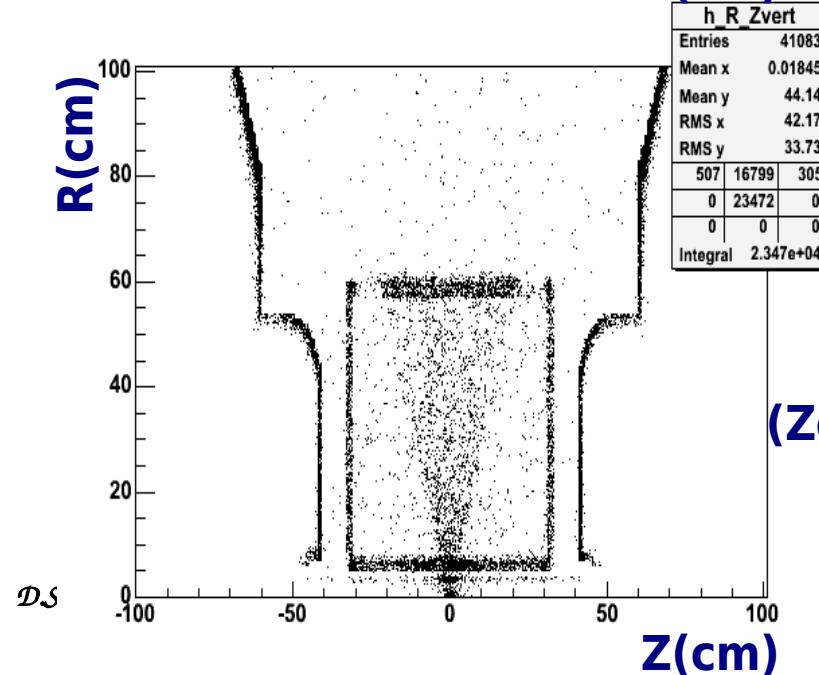
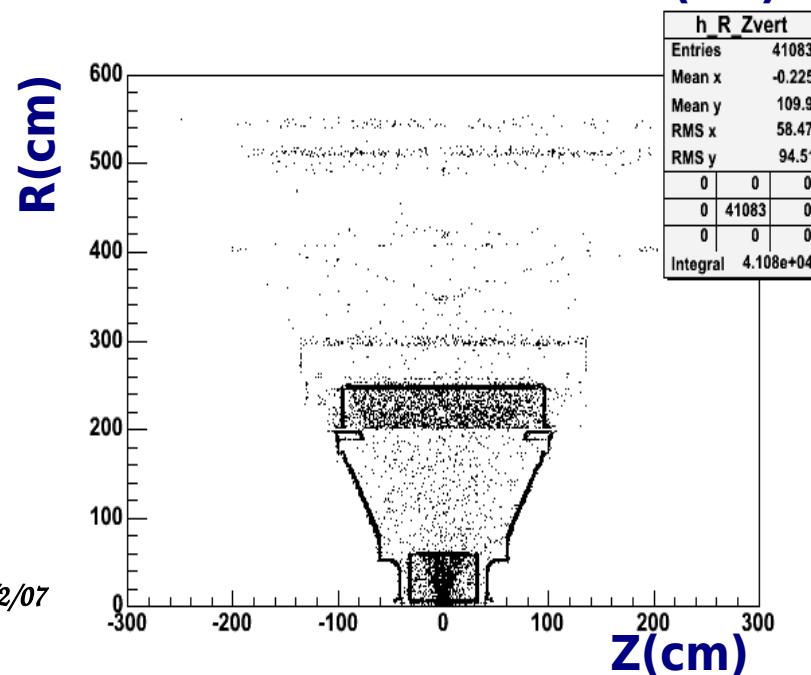
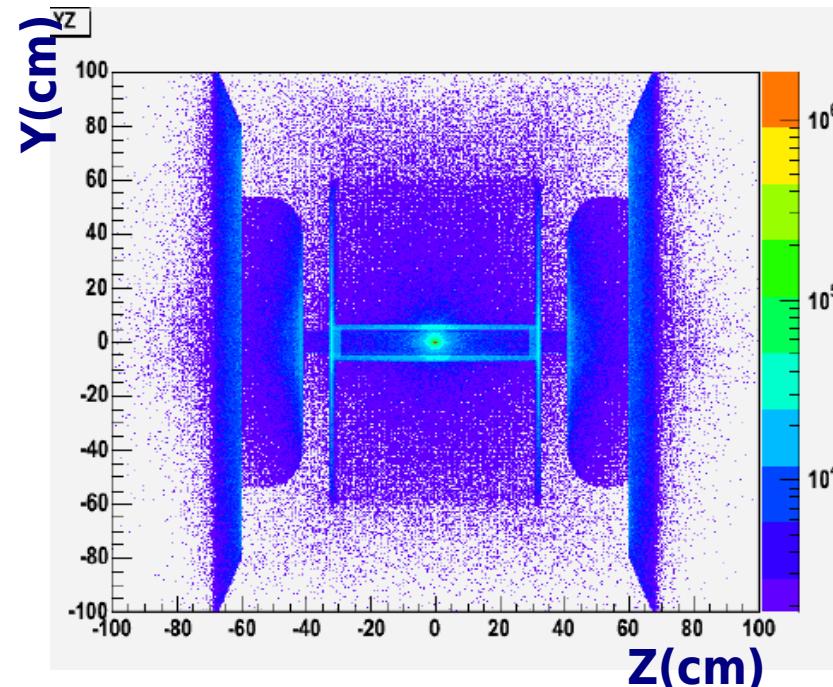
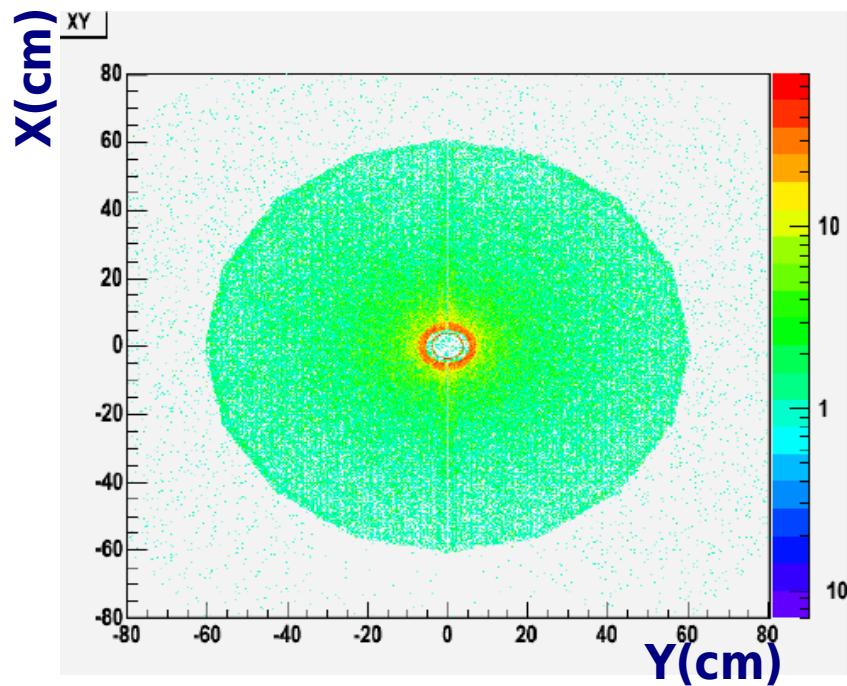
Primary Particles in PISA from AncPri ntuple



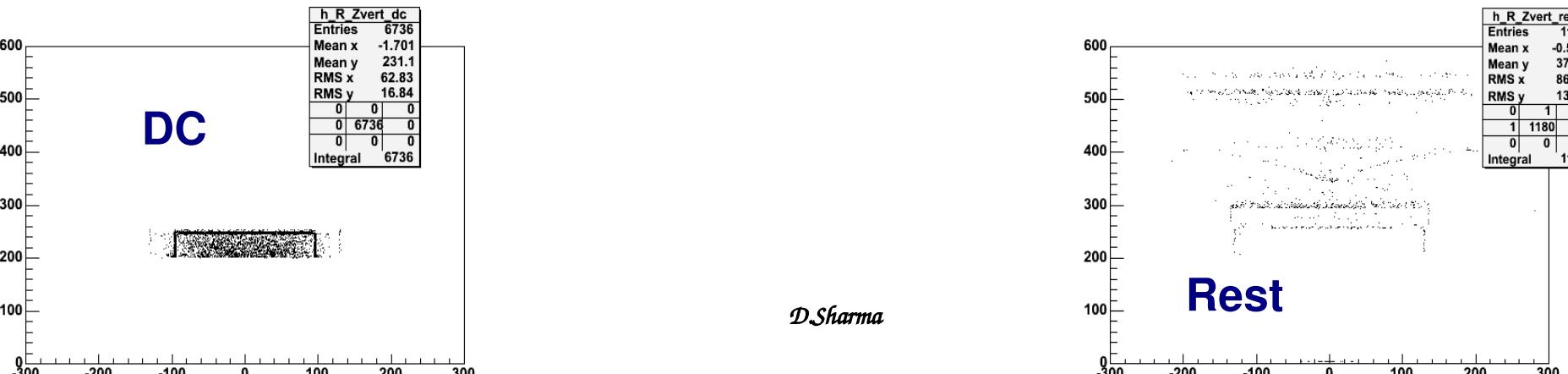
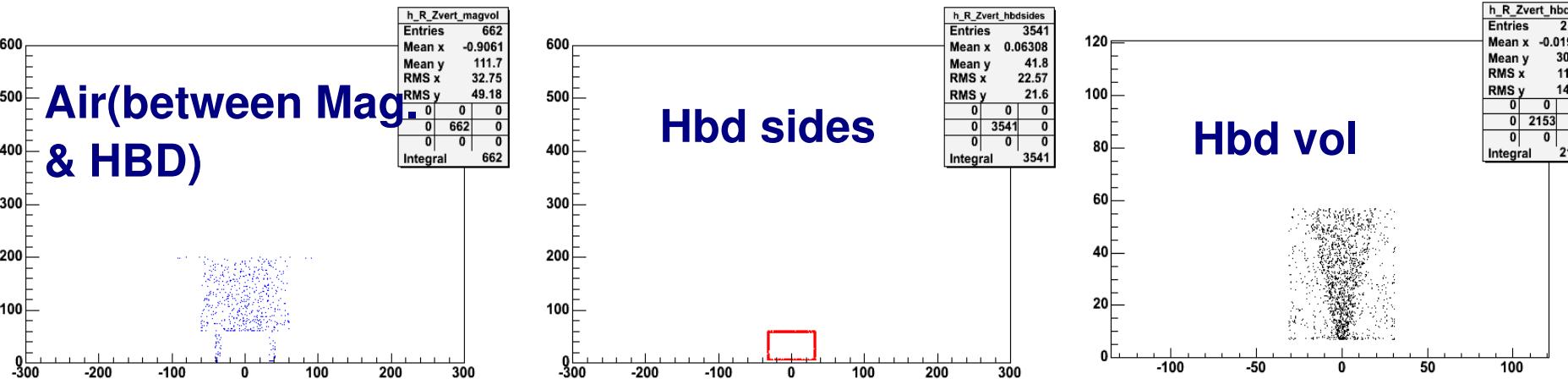
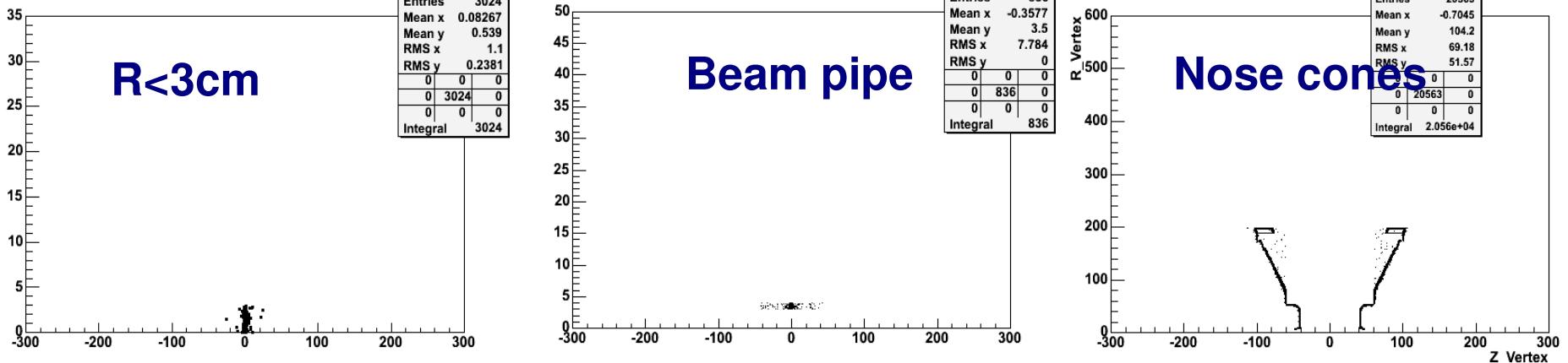
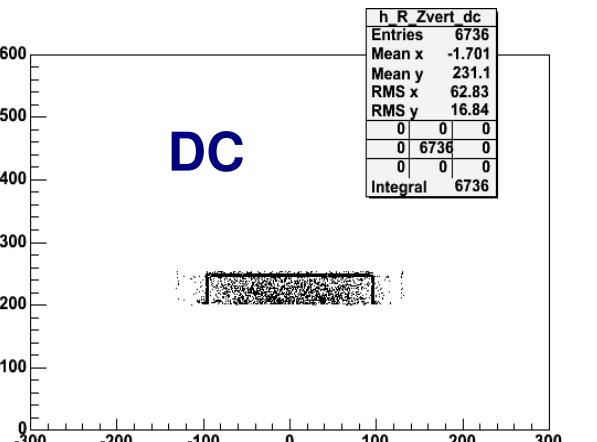
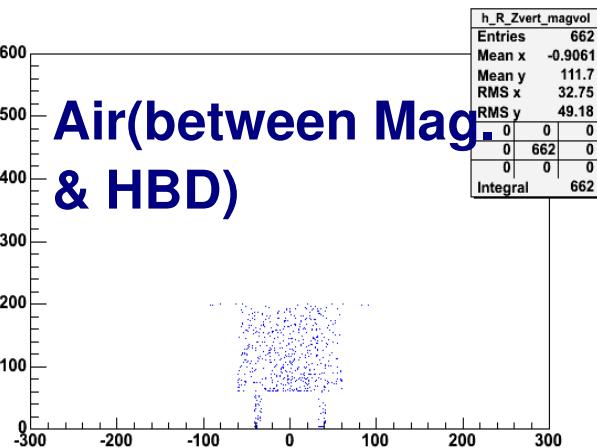
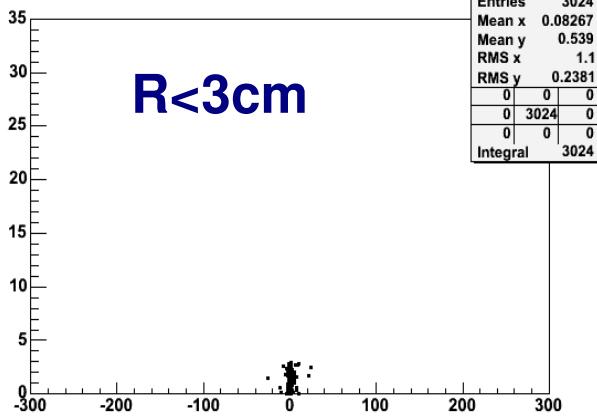
Particle	No.(Geant ID)
Antineutron	25
Antilambda	26
Antisigma -	27
Antisigma 0	28
Antisigma +	29
Antixi 0	30
Cerenkov	50

Particle	No.(Geant ID)
Gamma	1
Positron	2
Electron	3
Neutrino	4
Muon +	5
Muon -	6
Pion 0	7
Pion +	8
Pion -	9
Kaon 0 long	10
Kaon +	11
Kaon -	12
Neutron	13
Proton	14
Antiproton	15
Kaon 0 short	16
Eta	17
Lambda	18
Sigma +	19
Sigma 0	20
Sigma -	21
Xi 0	22
Xi -	23

PISA hits level (using AncPad ntuple after pisaRootRead)

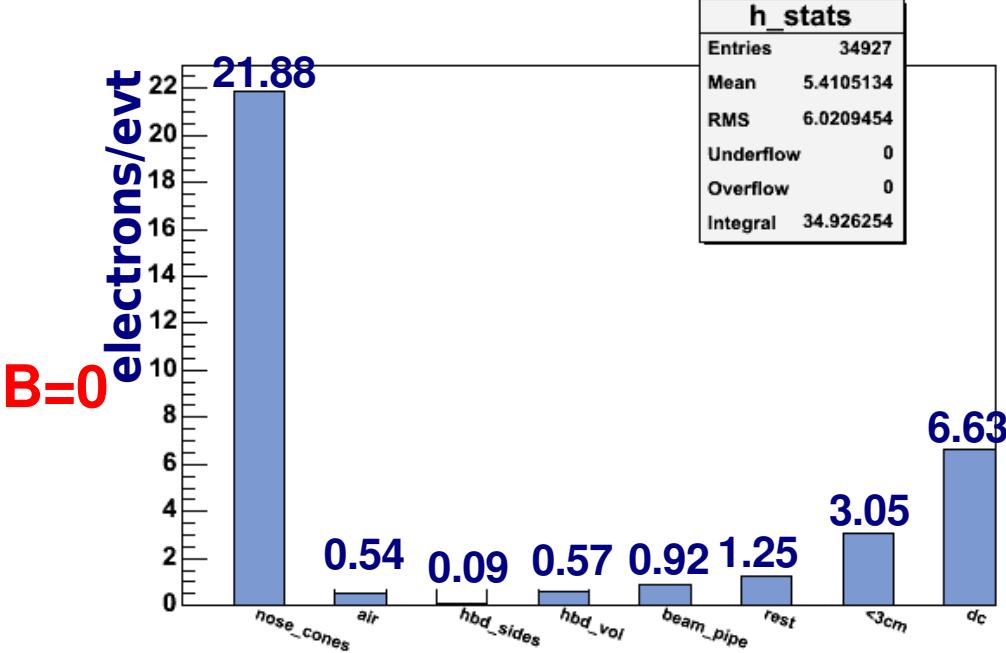


Electrons Radiography(looking at PC1 only): divided for different regions



D.Sharma

No HBD



With HBD

